# SPECIFIC REQUIREMENTS

**AI ID: 4634 - LOOP LLC - Deepwater Port Complex**
**Activity Number: PER20140001**
**Permit Number: 1560-00027-V1**
**Air - Title V Regular Permit Major Mod**

## CRG 0001 GP - Generators and Pumps

**Group Members: EQT 0009 EQT 0011 EQT 0012 EQT 0013 EQT 0014 EQT 0015 EQT 0018 EQT 0019 EQT 0020 EQT 0021 EQT 0022 EQT 0023 EQT 0024 EQT 0025 EQT 0026**

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| 1 | [40 CFR 63.6595(a)] | Comply with the applicable emission limitations and operating limitations under the provisions of NESHAP, 40 CFR 63 Subpart ZZZZ. [40 CFR 63.6595(a)] |
| 2 | [40 CFR 63.6603(a)] | Change oil and filter every 500 hours of operation or annually, whichever comes first. Subpart ZZZZ. [40 CFR 63.6603(a)] |
| 3 | [40 CFR 63.6603(a)] | Equipment/operational data monitored by visual inspection/determination annually or every 1,000 hours of operation, whichever comes first. Inspect air cleaner. Subpart ZZZZ. [40 CFR 63.6603(a)]<br>Which Months: All Year Statistical Basis: None specified |
| 4 | [40 CFR 63.6603(a)] | Equipment/operational data monitored by visual inspection/determination annually or every 500 hours of operation, whichever comes first. Inspect all hoses and belts, and replace as necessary. Subpart ZZZZ. [40 CFR 63.6603(a)]<br>Which Months: All Year Statistical Basis: None specified |
| 5 | [40 CFR 63.6603(a)] | Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. Subpart ZZZZ. [40 CFR 63.6603(a), 40 CFR 63.6625(h)] |
| 6 | [40 CFR 63.6605(a)] | Be in compliance with emission limitations and operating limitations in 40 CFR 63 Subpart ZZZZ at all times. Subpart ZZZZ. [40 CFR 63.6605(a)] |
| 7 | [40 CFR 63.6605(b)] | Operate and maintain at all times in a manner consistent with safety and good air pollution control practices for minimizing emissions. Subpart ZZZZ. [40 CFR 63.6605(b)] |
| 8 | [40 CFR 63.6625(e)] | Operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which provides to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. Subpart ZZZZ. [40 CFR 63.6625(e)] |
| 9 | [40 CFR 63.6625(f)] | Install a non-resettable hour meter. Subpart ZZZZ. [40 CFR 63.6625(f)] |
| 10 | [40 CFR 63.6640(a)] | Demonstrate continuous compliance with each applicable emission limitation and operating limitation in 40 CFR 63 Subpart ZZZZ Tables 1a and 1b, Tables 2a and 2b, Table 2c, and Table 2d according to methods specified in 40 CFR 63 Subpart ZZZZ Table 6. Subpart ZZZZ. [40 CFR 63.6640(a)] |
| 11 | [40 CFR 63.6640(f)(1)(ii)] | Operate for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Limit maintenance checks and readiness testing to 100 hours per year. Subpart ZZZZ. [40 CFR 63.6640(f)(1)(ii)] |
| 12 | [40 CFR 63.6640(f)(1)(iii)] | Operate up to 50 hours per year in non-emergency situations, but count those 50 hours towards the 100 hours per year provided for maintenance and testing. Do not use the 50 hours per year for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that the emergency engine may be operated for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. Do not operate for more than 30 minutes prior to the time when the emergency condition is expected to occur, and terminate the engine operation immediately after the facility is notified that the emergency condition is no longer imminent. Count the 15 hours per year of demand response operation as part of the 50 hours of operation per year provided for non-emergency situations. Subpart ZZZZ. [40 CFR 63.6640(f)(1)(iii)] |

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## CRG 0001 GP - Generators and Pumps

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| 13 | [40 CFR 63.6655] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.6655(a) through (f), as applicable. Subpart ZZZZ. |
| 14 | [LAC 33:III.1101.B] | Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.<br>Which Months: All Year Statistical Basis: None specified |
| 15 | [LAC 33:III.1311.C] | Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.<br>Which Months: All Year Statistical Basis: Six-minute average |

## CRG 0002 STKS - Storage Tanks

**Group Members: EQT 0027 EQT 0028 EQT 0029 EQT 0030 EQT 0031 EQT 0032 EQT 0033 EQT 0034 EQT 0035 EQT 0036 EQT 0037 EQT 0038 EQT 0040 EQT 0042 EQT 0043 EQT 0048 EQT 0049 EQT 0050 EQT 0051 EQT 0052 EQT 0053**

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| 16 | [40 CFR 60.112b(a)(2)(ii)] | Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)] |
| 17 | [40 CFR 60.112b(a)(2)] | Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)] |
| 18 | [40 CFR 60.113b(b)(3)] | Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in 40 CFR 60.113b(b)(4). Subpart Kb. [40 CFR 60.113b(b)(3)] |
| 19 | [40 CFR 60.113b(b)(4)(i)(A)] | One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)] |
| 20 | [40 CFR 60.113b(b)(4)(i)(B)] | There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)] |

### CRG 0002 STKS - Storage Tanks

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| 21 | [40 CFR 60.113b(b)(4)(i)] | Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]<br>Which Months: All Year Statistical Basis: None specified |
| 22 | [40 CFR 60.113b(b)(4)(i)] | Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]<br>Which Months: All Year Statistical Basis: None specified |
| 23 | [40 CFR 60.113b(b)(4)(ii)(A)] | Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)] |
| 24 | [40 CFR 60.113b(b)(4)(ii)(B)] | Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]<br>Which Months: All Year Statistical Basis: None specified |
| 25 | [40 CFR 60.113b(b)(4)(ii)(B)] | Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]<br>Which Months: All Year Statistical Basis: None specified |
| 26 | [40 CFR 60.113b(b)(4)(ii)(C)] | There are to be no holes, tears, or other openings in the secondary seal or seal fabric. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(C)] |
| 27 | [40 CFR 60.113b(b)(4)] | Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)] |
| 28 | [40 CFR 60.113b(b)(5)] | Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)] |
| 29 | [40 CFR 60.113b(b)(6)(i)] | If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)] |
| 30 | [40 CFR 60.113b(b)(6)(ii)] | Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)] |
| 31 | [40 CFR 60.113b(b)(6)] | Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)]<br>Which Months: All Year Statistical Basis: None specified |
| 32 | [40 CFR 60.115b(b)(1)] | Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)] |
| 33 | [40 CFR 60.115b(b)(2)] | Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)] |

### CRG 0002 STKS - Storage Tanks

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| 34 | [40 CFR 60.115b(b)(3)] | Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)] |
| 35 | [40 CFR 60.115b(b)(4)] | Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)] |
| 36 | [40 CFR 60.116b(b)] | Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)] |
| 37 | [40 CFR 60.116b(c)] | VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)] |
| 38 | [LAC 33:III.2103.B] | Equip with a submerged fill pipe. |
| 39 | [LAC 33:III.2103.D.2.a] | Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. |
| 40 | [LAC 33:III.2103.D.2.b] | Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. |
| 41 | [LAC 33:III.2103.D.2.c] | Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.<br>Which Months: All Year Statistical Basis: None specified |
| 42 | [LAC 33:III.2103.D.2.d] | Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.<br>Which Months: All Year Statistical Basis: None specified |
| 43 | [LAC 33:III.2103.D.2.e] | Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. |
| 44 | [LAC 33:III.2103.D.2.e] | Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. |
| 45 | [LAC 33:III.2103.D.2.e] | Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.<br>Which Months: All Year Statistical Basis: None specified |
| 46 | [LAC 33:III.2103.D.2.e] | Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.<br>Which Months: All Year Statistical Basis: None specified |
| 47 | [LAC 33:III.2103.D.2.e] | Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.<br>Which Months: All Year Statistical Basis: None specified |

### CRG 0002 STKS - Storage Tanks

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| 48 | [LAC 33:III.2103.D.3] | Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. |
| 49 | [LAC 33:III.2103.D] | Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. |
| 50 | [LAC 33:III.2103.H.1] | Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. |
| 51 | [LAC 33:III.2103.H.3] | Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. |
| 52 | [LAC 33:III.2103.I] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. |

### EQT 0003 1-78 - Crude Relief Tank (Clovelly Dome)

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| 53 | [40 CFR 60.112a(a)(1)(i)(A)] | Seal gap area <= 10.0 in^2/ft (212 sq cm/meter) of tank diameter for the accumulated area of gaps between the tank wall and the mechanical shoe seal or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(A)]<br>Which Months: All Year Statistical Basis: None specified |
| 54 | [40 CFR 60.112a(a)(1)(i)(A)] | Seal gap width <= 1.5 in (3.81 cm) for the width of any portion of any gap between the tank wall and the mechanical shoe seal or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(A)]<br>Which Months: All Year Statistical Basis: None specified |
| 55 | [40 CFR 60.112a(a)(1)(i)(C)] | One end of the primary seal metallic shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 24 inches (61 centimeters) above the stored liquid surface. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(C)] |
| 56 | [40 CFR 60.112a(a)(1)(i)(D)] | There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(D)] |
| 57 | [40 CFR 60.112a(a)(1)(i)] | The primary seal is to be either a metallic shoe seal, a liquid-mounted seal, or a vapor-mounted seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)] |
| 58 | [40 CFR 60.112a(a)(1)(ii)(A)] | Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 40 CFR 60.112a(a)(1)(ii)(B). Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(A)] |
| 59 | [40 CFR 60.112a(a)(1)(ii)(B)] | Seal gap area <= 1.0 in^2/ft (21.2 sq cm/meter) of tank diameter for the accumulated area of gaps between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(B)]<br>Which Months: All Year Statistical Basis: None specified |
| 60 | [40 CFR 60.112a(a)(1)(ii)(B)] | Seal gap width <= 0.5 in (1.27 cm) for the width of any portion of any gap between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(B)]<br>Which Months: All Year Statistical Basis: None specified |
| 61 | [40 CFR 60.112a(a)(1)(ii)(C)] | There are to be no holes, tears or other openings in the secondary seal or seal fabric. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(C)] |

### EQT 0003 1-78 - Crude Relief Tank (Clovelly Dome)

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| 62 | [40 CFR 60.112a(a)(1)(iii)] | Each opening in the roof except for automatic bleeder vents and rim space vents is to provide a projection below the liquid surface. Equip each opening in the roof except for automatic bleeder vents, rim space vents and leg sleeves with a cover, seal or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use or as described in 40 CFR 60.112a(a)(1)(iv). Close automatic bleeder vents at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(1)(iii)] |
| 63 | [40 CFR 60.112a(a)(1)(iv)] | Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Ka. [40 CFR 60.112a(a)(1)(iv)] |
| 64 | [40 CFR 60.112a(a)(1)] | Equip with an external floating roof consisting of a pontoon-type or double-deck-type cover that rests on the surface of the liquid contents and is equipped with a closure device between the tank wall and the roof edge. Except as provided in 40 CFR 60.112a(a)(1)(ii)(D), the closure device is to consist of two seals, one (secondary) above the other (primary). The roof is to be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Ka. [40 CFR 60.112a(a)(1)] |
| 65 | [40 CFR 60.113a(a)(1)(i)(A)] | Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the primary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every 5 years thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Accomplish all primary seal inspections or gap measurements which require the removal or dislodging of the secondary seal as rapidly as possible and replace the secondary seal as soon as possible. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(A)]<br>Which Months: All Year Statistical Basis: None specified |
| 66 | [40 CFR 60.113a(a)(1)(i)(B)] | Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the secondary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every year thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Subpart Ka. [40 CFR 60.113a(a)(1)(i)(B)]<br>Which Months: All Year Statistical Basis: None specified |
| 67 | [40 CFR 60.113a(a)(1)(i)(D)] | Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance. Each record shall identify the vessel on which the measurement was performed and shall contain the date of the seal gap measurement, the raw data obtained in the measurement process required by 40 CFR 60.113a(a)(1)(ii) and the calculation required by 40 CFR 60.113a(a)(1)(iii). Keep records of each gap measurement at the plant for a period of at least 2 years following the date of measurement. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(D)] |
| 68 | [40 CFR 60.113a(a)(1)(i)(E)] | Submit report: Due to DEQ within 60 days of the date of seal gap measurements, if either the seal gap calculated in accord with 40 CFR 60.113a(a)(1)(iii) or the measured maximum seal gap exceeds the limitations specified by 40 CFR 60.112a. The report shall identify the vessel and list each reason why the vessel did not meet the specifications of 40 CFR 60.112a. The report shall also describe the actions necessary to bring the storage vessel into compliance with the specifications of 40 CFR 60.112a. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(E)] |
| 69 | [40 CFR 60.113a(a)(1)(iv)] | Submit notification: Due to DEQ at least 30 days prior to the gap measurement to afford DEQ to have an observer present. Subpart Ka. [40 CFR 60.113a(a)(1)(iv)] |
| 70 | [40 CFR 60.115a] | Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Kat all timesa. |

### EQT 0003 1-78 - Crude Relief Tank (Clovelly Dome)

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| 71 | [LAC 33:III.2103.B] | Equip with a submerged fill pipe. |
| 72 | [LAC 33:III.2103.D.2.a] | Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. |
| 73 | [LAC 33:III.2103.D.2.b] | Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. |
| 74 | [LAC 33:III.2103.D.2.c] | Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.<br>Which Months: All Year Statistical Basis: None specified |
| 75 | [LAC 33:III.2103.D.2.d] | Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width.<br>Which Months: All Year Statistical Basis: None specified |
| 76 | [LAC 33:III.2103.D.2.e] | Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. |
| 77 | [LAC 33:III.2103.D.2.e] | Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. |
| 78 | [LAC 33:III.2103.D.2.e] | Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs.<br>Which Months: All Year Statistical Basis: None specified |
| 79 | [LAC 33:III.2103.D.2.e] | Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually.<br>Which Months: All Year Statistical Basis: None specified |
| 80 | [LAC 33:III.2103.D.2.e] | Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs.<br>Which Months: All Year Statistical Basis: None specified |
| 81 | [LAC 33:III.2103.D.3] | Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. |
| 82 | [LAC 33:III.2103.D] | Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. |
| 83 | [LAC 33:III.2103.H.1] | Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. |
| 84 | [LAC 33:III.2103.H.3] | Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. |
| 85 | [LAC 33:III.2103.I] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. |

### EQT 0016 23-88 - Tank 1 Operations Center (Clovelly Dome)

### EQT 0016 23-88 - Tank 1 Operations Center (Clovelly Dome)

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| 86 | [40 CFR 63.11116(a)] | Permittee shall not handle dispensing of gasoline in a manner that would result in vapor releases to the atmosphere for extended period of time. The following measures, not all inclusive, shall be undertaken:<br><br>a) minimize gasoline spills; b) clean up spills as expeditiously as practicable; c) cover all open gasoline containers and all gasoline storage tank ill-pipes with a gasketed seal when not in use; d) minimize gasoline sent to open waste collection system that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators; and e) keep records available within 24 hours of a request by the Administrator to document gasoline throughput. [40 CFR 63.11116(a), 40 CFR 63.11116(b)] |
| 87 | [LAC 33:III.2103.A] | Equip with a submerged fill pipe. |
| 88 | [LAC 33:III.2103.H.3] | Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. |
| 89 | [LAC 33:III.2103.I] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. |

### EQT 0017 24-88 - Tank 2 Operations Center (Clovelly Dome)

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| 90 | [40 CFR 63.11116(a)] | Permittee shall not handle dispensing of gasoline in a manner that would result in vapor releases to the atmosphere for extended period of time. The following measures, not all inclusive, shall be undertaken:<br><br>a) minimize gasoline spills; b) clean up spills as expeditiously as practicable; c) cover all open gasoline containers and all gasoline storage tank ill-pipes with a gasketed seal when not in use; d) minimize gasoline sent to open waste collection system that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators; and e) keep records available within 24 hours of a request by the Administrator to document gasoline throughput. [40 CFR 63.11116(a), 40 CFR 63.11116(b)] |
| 91 | [LAC 33:III.2103.A] | Equip with a submerged fill pipe. |
| 92 | [LAC 33:III.2103.H.3] | Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. |
| 93 | [LAC 33:III.2103.I] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. |

### EQT 0047 1-10 - 520 hp Emergency Generator

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| 94 | [40 CFR 60.4205(b)] | Comply with the emission standards for new nonroad CI engines in 40 CFR 60.4202, for all pollutants, for the same model year and maximum engine power. Subpart IIII. [40 CFR 60.4205(b)] |
| 95 | [40 CFR 60.4206] | Operate and maintain stationary CI ICE according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. Subpart IIII. |
| 96 | [40 CFR 60.4207(b)] | Beginning October 1, 2010, use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. Subpart IIII. [40 CFR 60.4207(b)] |
| 97 | [40 CFR 60.4208(a)] | After December 31, 2008, do not install stationary CI ICE (excluding fire pump engines) that do not meet the applicable requirements for 2007 model year engines. Subpart IIII. [40 CFR 60.4208(a)]. [40 CFR 60.4208(a)] |

### EQT 0047 1-10 - 520 hp Emergency Generator

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| 98 | [40 CFR 60.4209(a)] | Operating time monitored by hour/time monitor continuously during operation. Install a non-resettable hour meter prior to startup of the engine. Subpart IIII. [40 CFR 60.4209(a)]<br>Which Months: All Year Statistical Basis: None specified |
| 99 | [40 CFR 60.4211(a)] | Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, only change those settings that are permitted by the manufacturer. Also meet the requirements of 40 CFR 89, 94 and/or 1068, as applicable. Subpart IIII. [40 CFR 60.4211(a)] |
| 100 | [40 CFR 60.4211(c)] | Ensure engine is certified to the emission standards in 40 CFR 60.4205(b), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. Install and configure according to the manufacturer's specifications. Subpart IIII. [40 CFR 60.4211(c)] |
| 101 | [40 CFR 60.4214(b)] | Operating time recordkeeping by electronic or hard copy upon occurrence of event. If the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. Record the time of operation of the engine and the reason the engine was in operation during that time. Subpart IIII. [40 CFR 60.4214(b)] |
| 102 | [40 CFR 63.6590(c)] | Compliance with all the applicable provisions of NSPS, 40 CFR 60 Subpart IIII has been determined to be compliance in accordance with all the appilcable requirements of NESHAP, 40 CFR 63 Subpart ZZZZ. [40 CFR 63.6590(c)] |
| 103 | [LAC 33:III.1101.B] | Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.<br>Which Months: All Year Statistical Basis: None specified |
| 104 | [LAC 33:III.1311.C] | Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.<br>Which Months: All Year Statistical Basis: Six-minute average |

### FUG 0001 10-78 - Fugitive Emissions (Clovelly Dome)

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| 105 | [LAC 33:III.2111] | Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. |

### GRP 0003 TANK CAP - Crude Oil Storage Tank CAP (Clovelly Dome)

**Group Members: EQT 0036EQT 0037EQT 0038EQT 0040EQT 0042EQT 0043EQT 0048EQT 0049EQT 0050EQT 0051EQT 0052EQT 0053EQT 0027EQT 0028EQT 0029EQT 0030EQT 0031EQT 0032 EQT 0033EQT 0034EQT 0035**

### GRP 0003 TANK CAP - Crude Oil Storage Tank CAP (Clovelly Dome)

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| 106 | [LAC 33:III.507.H.1.a] | Permittee shall show compliance with the limits of this permit by maintaining the total overall calculated VOC emissions, Emission Point TANK CAP based on the throughput and landing losses and tank cleanings from all the tanks listed below to no more than 430.75 tons per year. The overall VOC emission of the tanks shall be calculated using tank throughput and landing losses and tank cleanings and shall be recorded each month, as well as the VOC emission calculated for all the tanks for the last twelve months and recorded each month. Separate calculations showing compliance with the PSD emission limits shall also be calculated and recorded. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Inspection Division. PSD related VOC emissions or Total overall calculated VOC emissions from the tanks above the maximum listed in this specific condition or the associated PSD limits for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. Total VOC emissions are inclusive and not to be considered as the total minus any PSD limit(s). A report showing the overall calculated VOC emissions shall be submitted to the Office of Environmental Compliance, Inspection Division by March 31 for the preceding calendar year.<br>Emisson Point 1-99 thru 4-99, 6-02, 7-02, 8-07 thru 13-07, 15-07, 17-10, 18-10 and 22-14 thru 27-14. |
| 107 | [LAC 33:III.509] | BACT for Tanks EQT0048 through EQT0053 is to equip tanks with External Floating Roofs that meet 40 CFR 60 Subpart Kb. |
| 108 | [LAC 33:III.509] | BACT for Tanks EQT0048 through EQT0053 is to limit VOC, Total <= 43.72 tons/yr while performing tank cleaning per 12 month rolling period from all tanks combined.<br>Which Months: All Year Statistical Basis: 12-month rolling sum |
| 109 | [LAC 33:III.509] | BACT for Tanks EQT0048 through EQT0053 is to limit the amount of time between the cessation of pumping out product and the start of liquid heel and sludge removal from the tank floor during floating roof cleaning. |
| 110 | [LAC 33:III.509] | BACT for Tanks EQT0048 through EQT0053 is to limit the time that the floating roof is landed and complying with 40 CFR 60.112b(a)(2)(iii) during each roof landing event. |
| 111 | [LAC 33:III.509] | BACT while performing tank landings for Tanks EQT0048 through EQT0053 is to limit VOC, Total <= 96.6 tons/yr per 12 month rolling period.<br>Which Months: All Year Statistical Basis: 12-month rolling sum |

### UNF 0001 LPC - LOOP - Port Complex

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| 112 | [40 CFR 60.] | All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. |
| 113 | [40 CFR 63.6640(b)] | Report each instance in which each applicable emission limitation or operating limitation in 40 CFR 63 Subpart ZZZZ Tables 1a and 1b, Tables 2a and 2b, Table 2c, and Table 2d were not met according to the requirements of 40 CFR 63.6650. Subpart ZZZZ. [40 CFR 63.6640(b)] |
| 114 | [40 CFR 63.6640(e)] | Report each instance in which the applicable requirements in 40 CFR 63 Subpart ZZZZ Table 8 were not met. Subpart ZZZZ. [40 CFR 63.6640(e)] |
| 115 | [40 CFR 63.6650(f)] | Report all deviations as defined in 40 CFR 63 Subpart ZZZZ in the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). Subpart ZZZZ. [40 CFR 63.6650(f)] |
| 116 | [40 CFR 63.6660(a)] | Keep records in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1). Subpart ZZZZ. [40 CFR 63.6660(a)] |
| 117 | [40 CFR 63.6660(b)] | Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record, as specified in 40 CFR 63.10(b)(1). Subpart ZZZZ. [40 CFR 63.6660(b)] |

### UNF 0001 LPC - LOOP - Port Complex

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| 118 | [40 CFR 63.6660(c)] | Keep each record readily accessible in hard copy or electronic form on-site for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). Subpart ZZZZ. [40 CFR 63.6660(c)] |
| 119 | [40 CFR 63.] | All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A. |
| 120 | [LAC 33:III.1103] | Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. |
| 121 | [LAC 33:III.1303.B] | Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. |
| 122 | [LAC 33:III.1305] | Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. |
| 123 | [LAC 33:III.2113.A] | Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. |
| 124 | [LAC 33:III.219] | Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. |
| 125 | [LAC 33:III.2901.D] | Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited. |
| 126 | [LAC 33:III.2901.F] | If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G. |
| 127 | [LAC 33:III.535] | Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537] |
| 128 | [LAC 33:III.5611.A] | Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. |
| 129 | [LAC 33:III.5611.B] | During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. |
| 130 | [LAC 33:III.905] | Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded. |
| 131 | [LAC 33:III.913] | Provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of emission limits. |
| 132 | [LAC 33:III.917.A] | Where, upon written application of the responsible person or persons, the administrative authority finds that by reason of exceptional circumstances strict conformity with any provisions of these regulations would cause undue hardship, would be unreasonable, impractical or not feasible under the circumstances, the administrative authority may permit a variance from these regulations. |
| 133 | [LAC 33:III.917.B] | No variance may permit or authorize the maintenance of a nuisance, or a danger to public health or safety. |

### UNF 0001 LPC - LOOP - Port Complex

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| 134 | [LAC 33:III.919] | Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 30th of April to the Office of Environmental Services, for the reporting period of the previous calendar year that coincides with period of ownership or operatorship, unless otherwise directed by DEQ. Submit both an emissions inventory and the certification statement required by LAC 33:III.919.F.1.c, separately for each AI, in a format specified by DEQ. Include the information specified in LAC 33:III.919.F.1.a through F.1.d. |
| 135 | [LAC 33:III.927] | Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:I.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases. |
| 136 | [LAC 33:III.929.A] | No person or group of persons shall allow particulate matter or gases to become airborne in amounts which cause the ambient air quality standards to be exceeded. |